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9. The electric power plant of the Elektrownia Radomskiego Towarzystwa Elektrycznego (Electric Power Company) in Radom (R 52/Q 19) is equipped with:

1 steam turbine 2 steam turbines Total	1,000 kw 2,800 kw 3,800 kw	1,250 kva 3,500 kva		phase current phase current	3,100 v 3,100 v
1 Diesel engine	289 kw	289 kva	D.C.	two-wire, un	grounded 50 v
1 Diesel engine	235 kw	235 kva	D.C.	two-wire, un	grounded 50 v

One distributing network is fed with a three-phase current and operates at a voltage of 3,000 v. Another distributing network is fed with direct current and operates at a voltage of 2 x 235 v. The plant generates 8,710,000 kw-h per year.

10. The electric power plant of the Ostrowiec Metallurgical Plant in Ostrowiec-Swietokrzyski (R 51/Q 2h), Opatow (R 51/Q 33) district, has the following equipment:

1 steam turbine 1 steam turbine Total	3,000 kw 1,750 kw 4,750 kw	5,000 kva 2,190 kva	three-phase current three-phase current	5,250 √ 525 v
2 steam engines	320 kw	400 kva	three-phase current	525 v

The distributing network operates at a voltage of 5,000 v. Data on the amount of power generated was not available.

11. The electric power plant of the Opalenica Sugar Factory in Opalenica (P 53/W 94), Nowy Tomysl (O 53/W 74) district, is equipped with:

1 steam turbine 1 steam turbine Total	1,552 k 1,480 k 3,032 k	kw 1,	,870 1 ,850 1		three-phase three-phase		400 v 400 v
l steam engine	. <b>J</b> /J/ 1	kw	180 1	kva	three-phase	current	<b>v</b> 00ф
l engine of an un- identified type	100 1	kw	100 1	kva	D.C.		115 v
1 portable steam engine, with two generators	<b>7</b> 5 1	kw	76 1 <b>2</b> 9 1		D.G. D.G.		115 v 220 v

One distributing network is fed with a three-phase current and operates at a voltage of 380 v. Another distributing network is fed with direct current and operates at a voltage of 220 and 110 v. The plant generates about 2,000,000 kw-h per year.

12. The electric power plant of the Zduny Sugar Factory in Zduny (P 52/C 68), Krotoszyn (P 52/C 68) district, is equipped with:

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1 steam turbine	1,600 kw	2,000 kwa	three-phase current	380/220 v
1 steam engine	70 kw	56 kwa	three-phase current	380/220 v
1 steam engine, with two generators	33 kw	25 kva 20 kva	D.C. D.C.	110 v

One distributing network is fed with a three-phase current and operates at a voltage of 380/220 v. Another distributing network is fed with direct current and operates at a voltage of 110 v. The electric power plant generates 760,000 kw-h per year.

13. The electric power plant of the Witaszyce Sugar Factory in Witaszyce (P 52/X 71), Jarocin (P 52/X 61) district, is equipped with:

1 steam turbine 2 steam turbines lotal	3,000 kw 2,120 kw 5,120 kw	3,750 kva 2,640 kva	three-phase current three-phase current	380 v 380 v
1 steam engine	100, kw	130 kva	three-phase current	380 v
l portable steam engine	30 kw	30 kva	D.C.	<b>1</b> 15 <b>v</b>

One distributing network is fed with a three-phase current and operates at a voltage of 3,000 and 380/220 v. Another distributing network is fed with direct current and operates at a voltage of 110 v. The electric power plant generates 1,780,000 kw-h per year.

Ih. The electric power plant of the Srodn Sugar Factory in Sroda (Schroda) (P 53/X 5h) is equipped with:

1 steam turbine 1 steam turbine	1,360 kw 1,060 kw	1,700 kva 1,325 kva	three—phase current three—phase current	700 A 700 A
Total	2,420 km·			
1 steam engine 1 portable steam	52 km	89 kva	D.C.	115 v
engine 1 internal combus	80 kw	100 kva	three-phase current	400 ч
engine compas	35 kw	58 <b>kv</b> a	D <sub>o</sub> C <sub>o</sub>	115 v

One distributing network is fed with a three-phase current and operates at a voltage of 380 v. Another distributing network is fed with direct current and operates at a voltage of 110 v. The plant generates about 1,000,000 to 1,100,000 kw-h.

15. The electric power plant in Poznan (Posen) (P 53/X 26) consists of two sections. Section I is equipped with 2 steam turbines with a capacity of 20,000 kw, 25,000 kva and 6,300 v three-phase current. Section II is a reserve plant with the following equipment:

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2 steam turbines 1 steam turbine with two	8,000 km 1,000 kw	10,000 kva 625 kva 800 kva	three-phase cu three-phase cu D.C.	
generators  1 steam turbine with two	1,000 kw	780 kva 800 kva	three-phase co	errent 6,000 v 580 v
generators	30,000 km			en e

One distributing network is fed with a three-phase current and operates at a voltage of 20,000, 15,000, 6,000, and 380/220 v. Another distributing network is fed with direct current and operates at a voltage of 2 x 220 v. The plant generates 32,600,000 km-h per year.

16. The Mailway Electric Power Plant (Eisenbahn-Elektrizitaetswerk) (Elektrownia Kolejowa) in Poznan is equipped with:

1 steam turbine	350 km	350 kva	D.C.	240 v
1 steam engine	163 kw	163 kva	D.C.	240 v
1 "iesel engine	415 kw	415 kva	D.C.	230 v
l Diesel engine	285 km	285 kva	D.C.	240 v
l Diesel engine	352 km	352 kva	D.C.	240 v
1 Diesel engine	300 kw	300 kva	D.C.	240 v

The distributing network operates at a voltage of 220 v. The plant generates 3,600,000 km-h per year.

- 17. The electric power station of the Stalin Torks, the former Cegielski Locomotive Plant, in Poznan has 1 steam turbine with a capacity of 2,200 km, 2,750 kwa and 3,150 v three-phase current. No information was available concerning the voltage of the distributing network and the amount of power generated.
- 12. The electric power plant of the Miejska Gorka Factory in Liejska Gorka (P 52/C 37), Rawicz (P 52/C 37) district, is equipped with:

		2,9000 1,200		2,500 1,600		three-phase three-phase		525 v 525 v
T	otal	3,,200	KW					•
1	steam engine	100	kur	70	k <b>v</b> a	D.C.		525 v
-	with two generators			36	kva	D.C.		110 v
7	portable steam	61	kw	ևո	kva	D.C.		525 v
-	engine with three			15	kva	D.C.		110 v
	generators				kva	D.C.	110	to150 v

One distributing network is fed with a three-phase current and operates at a voltage of 500 v. Another distributing network is fed with direct current and operates at a voltage of 500 and 110 v. The plant generates 1,800,000 kw-h per year.

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110 v

- 19. The district lectric Power Plant of the town of Kalisz (Zaklad Mektryczny Okregowy Miasta Kalisza) in Kalisz (P 52/N 94) has 2 steam turbines with a capacity of 4,200 kw, 5,250 kva and 6,000 v, three-phase current. The distributing network operates at a voltage of 6,000, 300, and 380/220 v. The plant generates 5,230,000 km-h per year.
- The electric power plant of the Gostyn Sugar Factory in Gostyn (P 52/X 30) is equipped with:

l steam turbine l steam turbine Total	2,500 kw 1,400 kw 3,900 kw	3,125 kva 1,750 kva	three-phase current thre-phase current	380 <b>v</b> 380 <b>v</b>
l steam engine l portable steam	130 kw	162 kva	thre-phase current	380 v
engine	30 kw	30 kva	D.C.	110 v

One distributing network is fed with a three-phase current and operates at a voltage of 380 and 120 v. Another distributing network is fed with direct current and operates at a voltage of 110 v. The plant generates about 1,400,000 kw-h per year.

21. The electric power plant of the Piechocin Lime and Cement Plant in Piechocin (P 53/J 05), near Pakosc (P 53/J 05), Inouroclaw (P 53/J 15) district, is equipped with:

1 steam turbine 1 steam turbine Total	1,060 kw 265 kw 1,325 kw	1,325 kva 256 kva	three-phase current D.C.	3,150 v 500 v
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l steam engine 160 kw 160 kva D.C. 500 v

One distributing network is fed with a three-phase current and operates at a voltage of 3,000, and 380/220 v. Another distributing network is fed with direct current and operates at a voltage of 500 and 2 x 250  $v_{\rm o}$  The plant operates about 800,000 kw-h per year.

22. The electric power plant of the Helno Sugar Factory in Melno(Q 54/D 62), Grudziadz (Graudenz) (Q 54/D 53) district, is equipped with:

1 steam turbine 1 steam turbine Total	900 kw 850 kw 1,750 kw		three-phase of three-phase of	400 v
1 Diesel engine	5 kw	5 kva	$D_{\alpha}C_{\alpha}$	110 **

700,000 kw-h per hour.

One distributing network is fed with a three-phase current and operates at a voltage of 15,000, 380/220 v. 'nother distributing network is fed with direct current and operates at a voltage of 110 v. The plant generates 600,000 to

The electric power plant of the Matwy Sugar Factory in Matwy (P 53/J 15), Inowroclaw district, is equipped with:

1	steam turbines steam engine steam engine	2,560 200		3,200 kwa 250 kwa	three-phase of	current 400 v
	with two	59	kw	19 kva		voltage unknown
1	generators steam engine	145	kw	40 kva 45 kva	D.C. kind of curre	voltage unknown ent and voltage unknown

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One distributing network is fed with a three-phase current and operates at a voltage of 380 v. Another distributing network is fed with direct current and operates at a voltage of 110 v. The plant generates about 1,200,000 kw-h per year.

24. The electric power plant of the Kruszwica Sugar Factory in Kruszwica (P 53/ J 14), Inowroclaw district, is equipped with:

1 steam turbine 1,800 kw 2,250 kva three-phase current 400 v
1 steam turbine 1,700 kw 2,130 kva three-phase current 400 v
Total 3,500 kw

1 Diesel engine

LO kw

40 kva D.C.

115 v

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One distributing network is fed with a three-phase current and operates at a voltage of 380 v. Another distributing network is fed with direct current and operates at a voltage of 110 v. The plant generates 1,300,000 kw-h per year.

25. The hydro-electric power plant (Zaklady Wodno-Elektryczne) in Janowice Wielkie (0 51/G 78), Jelenia Gora (Hirschberg) (0 51/G 68) district, has the following equipment:

1 water turbine 1,320 kw 1,550 kva three-phase current 5,500 v
1 water turbine 1,050 kw 1,300 kva three-phase current 5,500 v
Total 2,370 kw

The distributing network has a voltage of 10,000 and 380/220 v. The plant generates 1,700,000 kw-h per year.

- 26. The hydro-electric power plant in Tryzyce (Bobkow), Zagan: (Sagan) (0 52/B 26) district, has 3 water turbines with a capacity of 2,060 kw, 2,800 kva, and 3,150 v three-phase current. The distributing network operates at a voltage of 60,000, 20,000, 6,000, 3,000, 500 and 220 v. The plant generates about 11,700,000 to 12,000,000 kw-h per year.
- 27. The electric power plant in Scinawka Srednia (Mittelsteine), Klodzko (Glatz) (P 51/M 34) district, is equipped with:

12,500 kva three-phase current 10,500 v 1 steam turbine 10,000 kw 8,750 kva three-phase current 2 steam turbines 7,000 kw 5,500 v 7,500 kva three-phase current 7,500 kva three-phase current 5,500 v 5,500 v 2 steam turbines 6,000 kw l steam turbine 6,000 km ,000 law l steam turbine 6,500 kvs three-phase current 5,500 v Total 34,000 kw

28. The municipal electric power plant in Goleniow (0 54/2 77), Nowogard (Naugard) (0 54/X 88) district, is equipped with:

2 steam turbines 385 kw 385 kva D.C. two wire, ungrounded 220 v

2 Diesel engines 573 kw 573 kva D.C. two wire, ungrounded

The distributing network is fed with direct current and operates at a voltage of two wire, ungrounded 220 v. The plant generates 1,200,000 kw-h per year.

29. The electric power plant in Kolincz, Starograd (0 54/Q 85) district, has a water turbine with a capacity of 360 kw, 420 kwa, and 5,200 v three-phase current.

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The distributing network operates at a voltage of 15,000, 8,000 and 380/220 v. The plant generates 1,540,000 km-h per year.

30. The electric power plant of the Pelpin Sugar Factory in Pelpin (Q 54/D 48), Tozew (Dirschau) (Q 55/D 59) district, is equipped with:

2 steam turbines 2,560 kw 3,200 kva three-phase current 380 v 1 steam engine 48 kw 48 kva D.C. 220 v

One distributing network is fed with a three-phase current and operates at a voltage of 380/220 v. Another distributing network is fed with direct current and operates at a voltage of 220 v. The power plant generates about 1,200,000 kw-h per year.

- 31. The electric power plant in Owidz (Q 54/D 48), Starogard (Q 54/D 48) district, (the former Wojewodztwo Pomorskie), has a water turbine with a capacity of 200 km, 250 kva, and 8,500 v three-phase current. The distributing network operates at a voltage of 15,000, 8,000 and 380/220 v. The plant generates 1,070,000 kw-h per year.
- 32. The Municipal Electric Power Plant in Skarszewy (Schoeneck) (Q 55/D 39), Koscierzyna (Behrent) (P 55/N 66) district (the former district of Pomorze), has the following equipment:

1 water turbine 80 kw 100 kva three-phase current 5,000 v 1 water turbine 60 kw 75 kva three-phase current 5,000 v Total 140 kw

The distributing network operates at a voltage of 5,000 and 380/220 v. The plant generates 401,000 kw-h per hour.

33. The District Electric Power Plant of Kartuzy, County (Elektrownia Okregowa Powiatu Kartuzkiego) in Rutki near Zukowo (Q 55/Y 22), Kartuzy (Karthaus) (P 55/Y 12) district, is equipped with:

1 Diesel engine 340 kw 550 kva three-phase current 8,000 v 2 water turbines 540 kw 680 kva three-phase current 8,000 v

The distributing network operates at a voltage of 15,000, 0,000 and 380/220  $v_{\circ}$  The plant generates 2,210,000 km-h per year.

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